Approved For Release 2003/01/24 : CIA-RPF63-00313A000500050102-9

25X1A

7 Naroh 1963

Α

NAME AND DESIGNATION OF THE RESPONSE

SURA OT

CKCART Engine Foreign Object Denage

- 1. There have been cleven instances of engine foreign object demage (FW) involving the i-12 sirpleme. Six of these have been repaired in the field. Five have been major in nature requiring that the engine be returned to Hartford for repair. The latest demage was sustained during ground remaing in airplane \$125 on 5 Warch 1963 after installation of protective inlet screens. Field reports indicate this damage to be minor and already repaired.
- 2. Engine teardown inspection findings of four of the five engines sustaining major demage indicate that the damage was caused by one or more small hard metallic objects. Impressions left inside three of these four engines indicate the objects to be cylindrical with disseters from 1/8 to 1/4 inches. In one of these latter three engines, the remains of a 1/4 inch disseter x 1/2 inch long bolt was found.

Teardown inspection of one of the five engines sustaining major damage indicates that the primary damage was caused by a relatively large normetallic but firm object of from 1 1/2 to 2 1/2 inches in dissector which broke down rapidly upon impact.

3. Eight of the total eleven engines damaged to date were installed in sirplanes with not more than three hours flight time. Four of these eight commend in sirplanes prior to first flight. Attachment 1 summarises this history.

	SIGNED	
	Galite	25X1A
	Development CSA-DD/	Division
DD/OSA/ROD:rel		Ē
Distribution:		
1-DD/R		
2-AD/SA		
3-C/DD/03A		
145-DD/OSA		25X1
6-TAES/OSA	SEORET	20/(1
7-RB/OSA	oluil. I	
stand (Chromo)		
Approved For Release 2	003/01/24 : CIA-RDP63-00313A00	0500050102-9 System

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SECTION Survey - English Foreign Chjest Damege - 7 March 1963

Lastence	ingle lodel	ogina orial Nepor	Date F(f)	Airplane Ko. Installation	Femelle, Right or Left Hend	Extent of Carage	Airplane Flight Hours	ingine
1.	J-75	6120%	6/14/62	121	201	lajor	11	Overhaul
2.	J-75	614143	10/5/62	123	TH.	Hajor	o	Crerhaul
3.	J-58	SURROS	Nov. 62	121	I.I	Mnor	44	*
4.	J-75	614164	1/3/63	123	ř.H	Hinor	43	Pield Repair
5.	J-58	648207	1/9/63	122	KH	Hinor	1	Pield Repair
6.	3-75	61501 3	1/14/63	124	RII	Major	3	Cverhaul
7.	J-58	974577	1/29/63	122	EH	Major	1	Overhaul
ô.	J-58	64,8212	2/8/63	122	THE	llajor	2 1/2	Cvertanil
9.	J-58	678507	2/13/63	125	RII.	Borderline	0	Field Repair
10.	J-53	648210	2/13/63	125	17	Borderline	0	Pield Repair
11.	J58	ETESOT	3/5/63	125	RH.	Hinor	٥	Pield Repair

^{*}This MOD discovered during routine everhaul. Date of Last installed operation 9/14/62.

25X1A
Handie via
Control System

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